

## PATENT ABSTRACTS OF JAPAN

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## (54) PACKET COMMUNICATION CONTROL SYSTEM

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide a packet communication control system capable of optimizing the efficiency of packet communication corresponding to the communication quality of satellite communication and radio communication.

SOLUTION: Respective communication equipments 1 are provided with a reception signal level detector 3 and the reception signal level detector 3 detects the reception signal level of a packet transmitted from the other communication equipment of a communicating party at a prescribed time interval and sends the reception signal level to a communication control procedure processor 4. The communication control procedure processor 4 updates a maximum packet length and/or window size based on the reception signal level received from the reception signal level detector 3, makes the new values into the packets and sends them to the other communication equipment of the communicating party. Thereafter, in the above communication equipment and the other communication equipment, a communication control procedure is processed by using these values and the updating processing of the maximum packet length and/or window size is performed at every prescribed time interval mentioned above.

